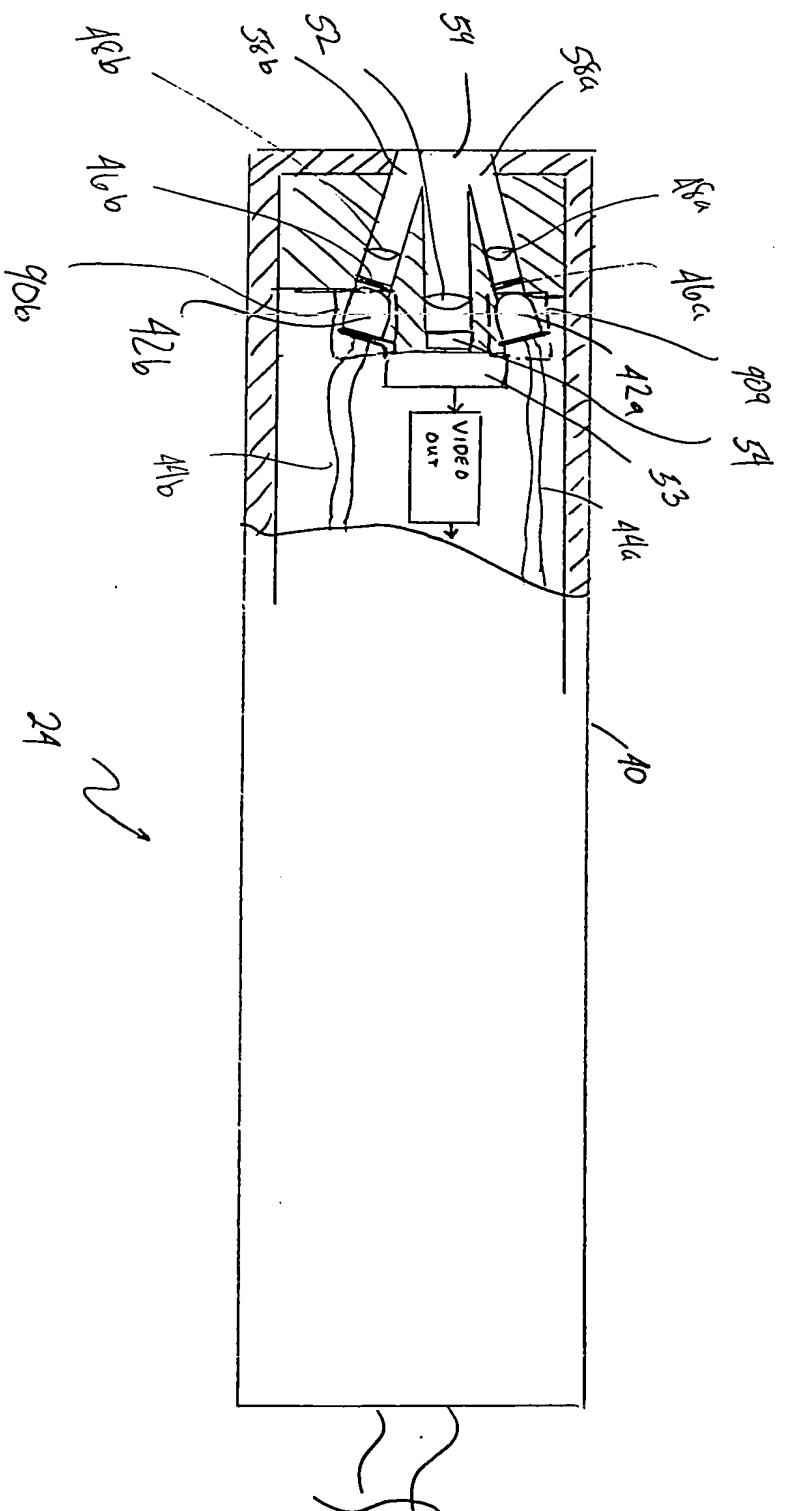


20

FIG. 1

09360200 000000



1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

FIG. 2

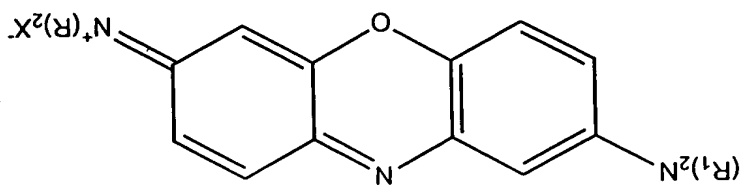


Fig. 5

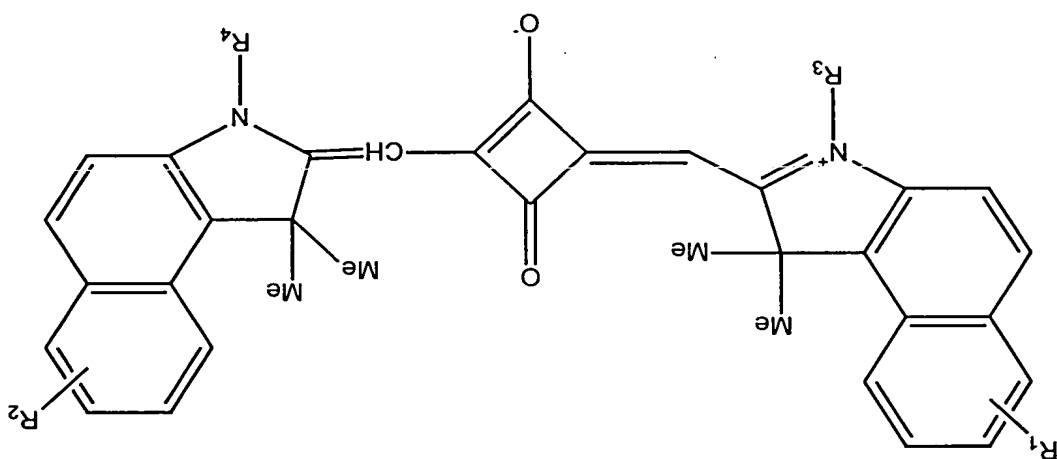


Fig. 2

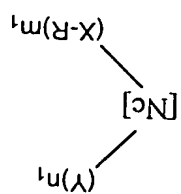
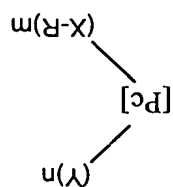
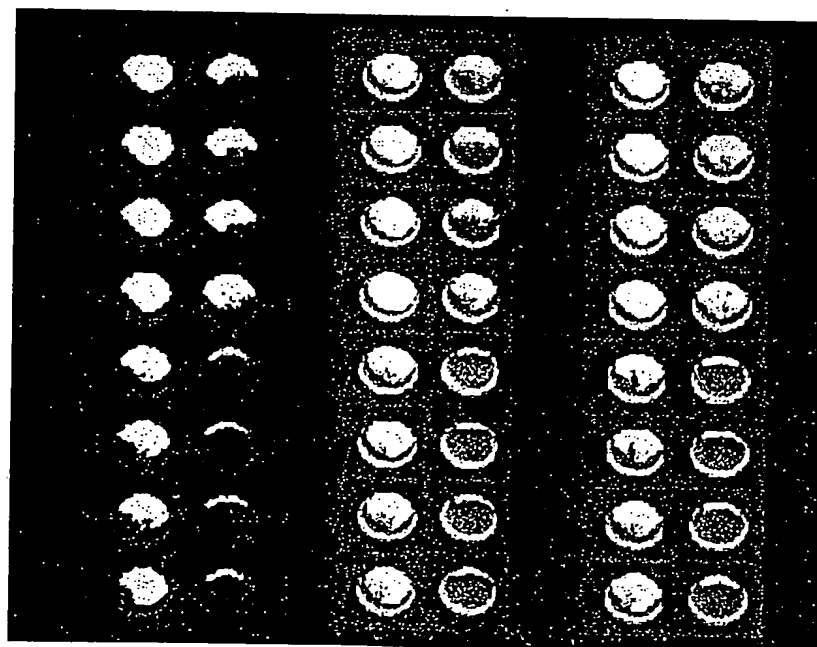


Fig. 3





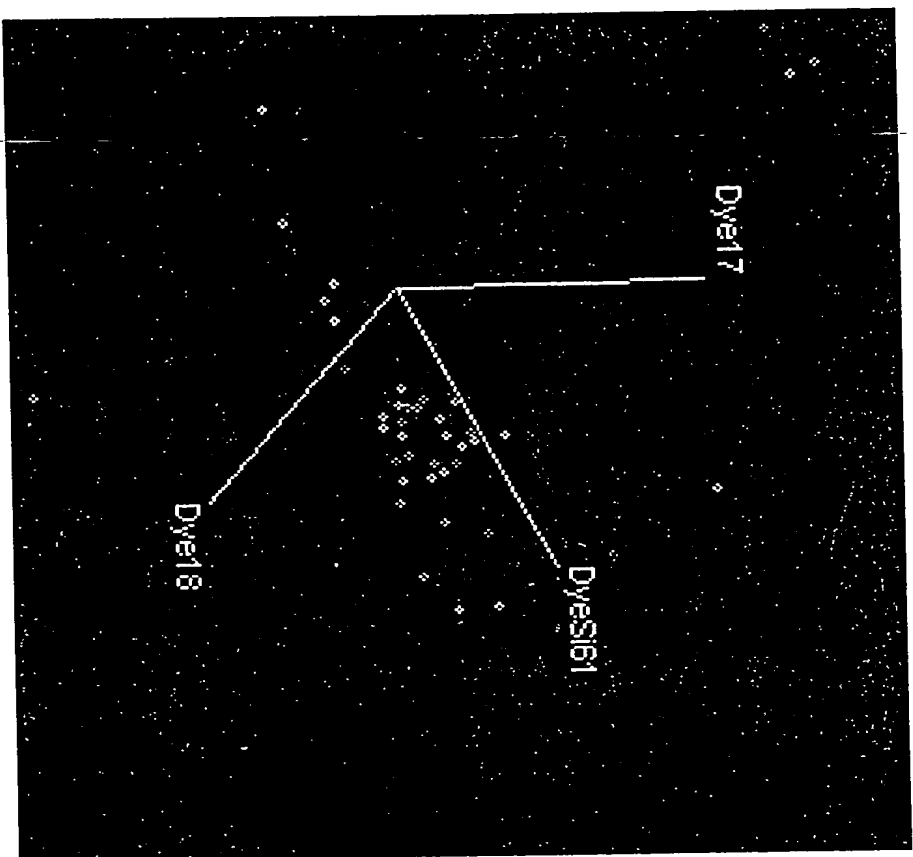
Light-Emission
Compound 1

Light-Emission
Compound 2

Light-Emission
Compound 3

Fig. 8

09556220, 042400



09550230 042400

FIG. 9

FIG. 11

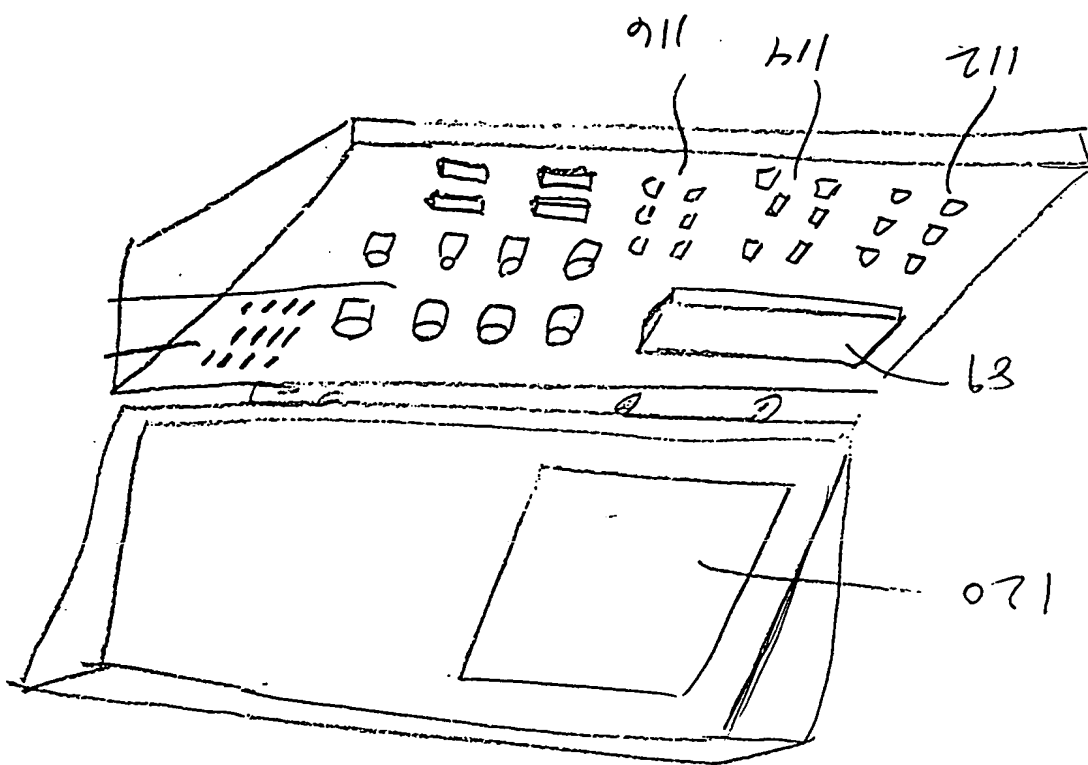
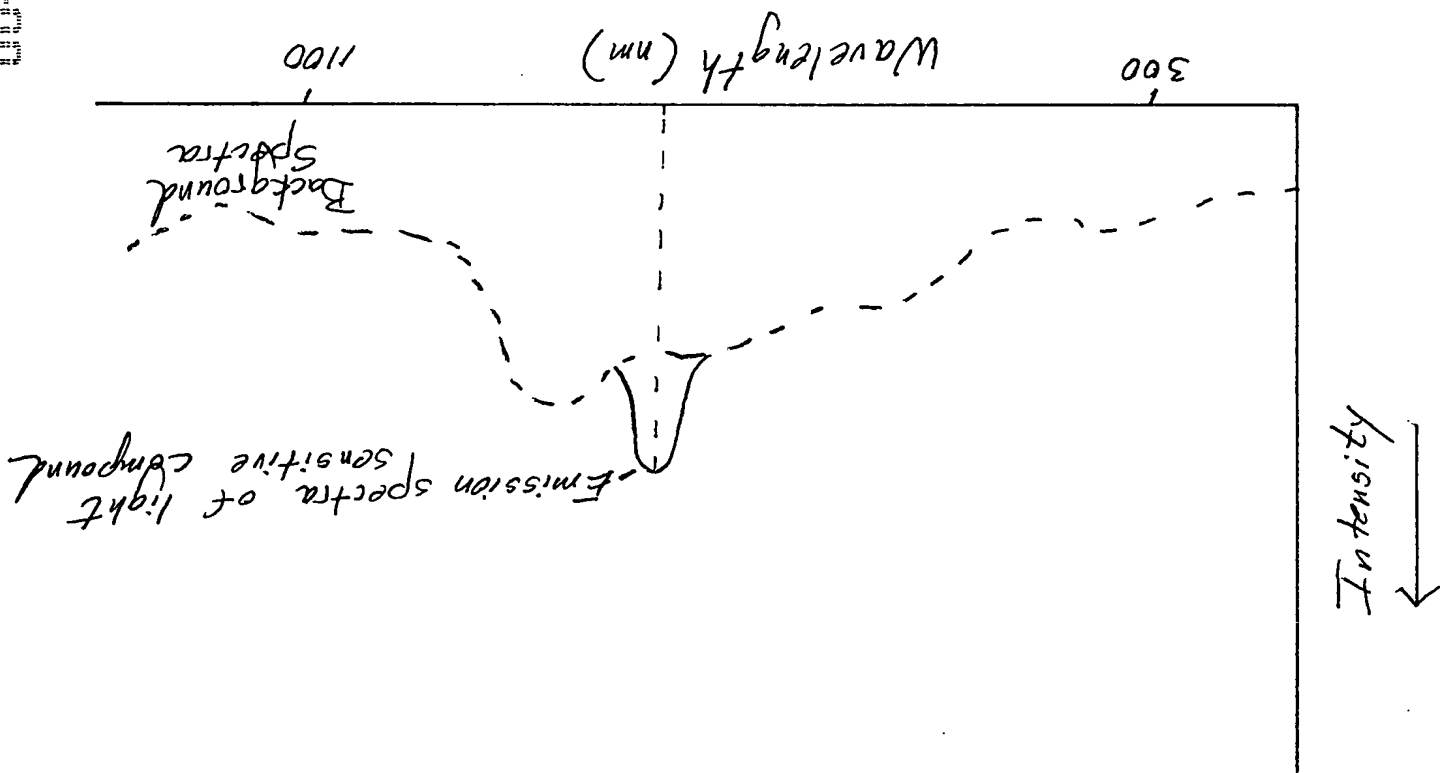


FIG. 10



095356200 042400

200

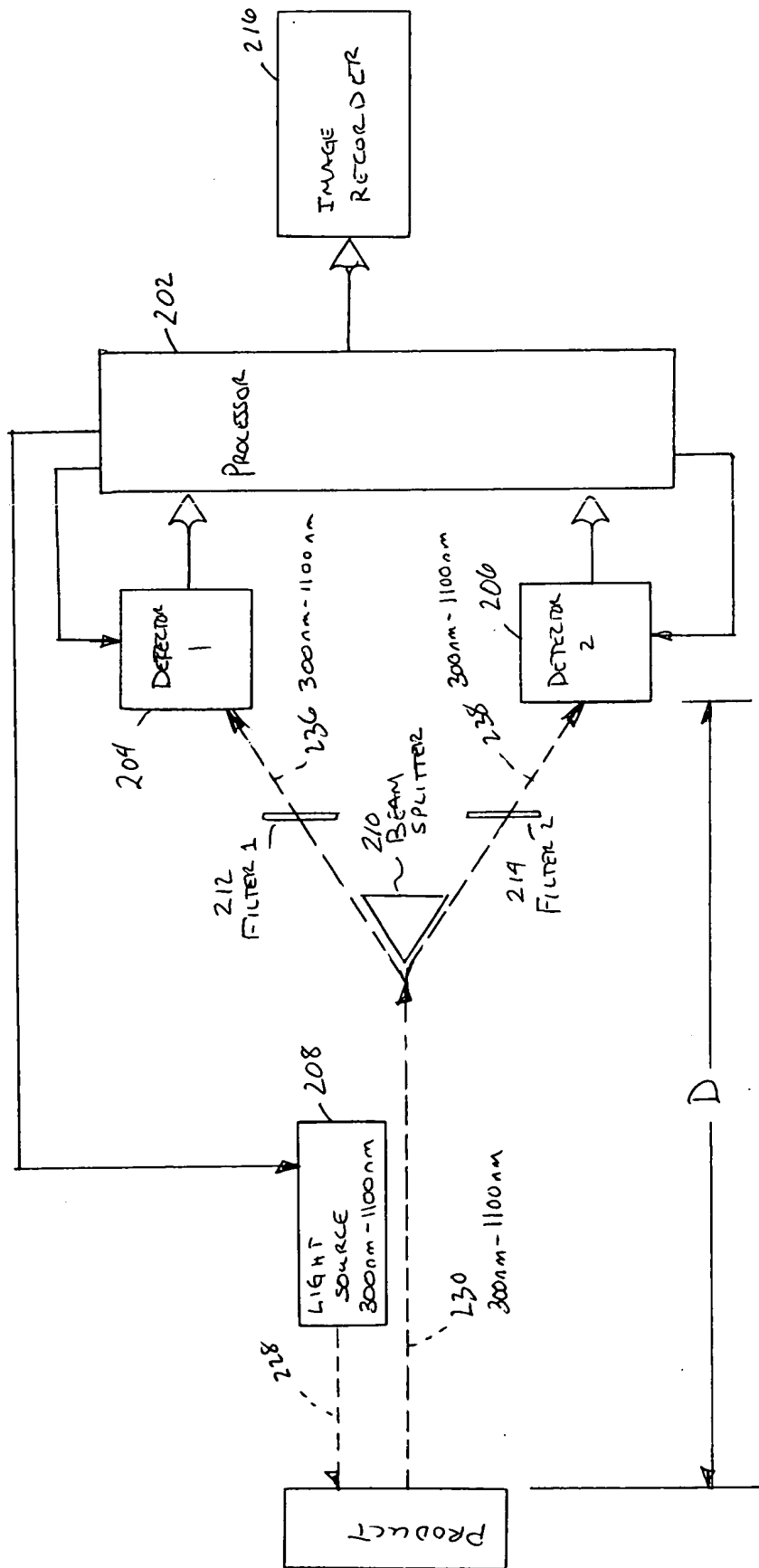


FIG. 12

System Block Diagram

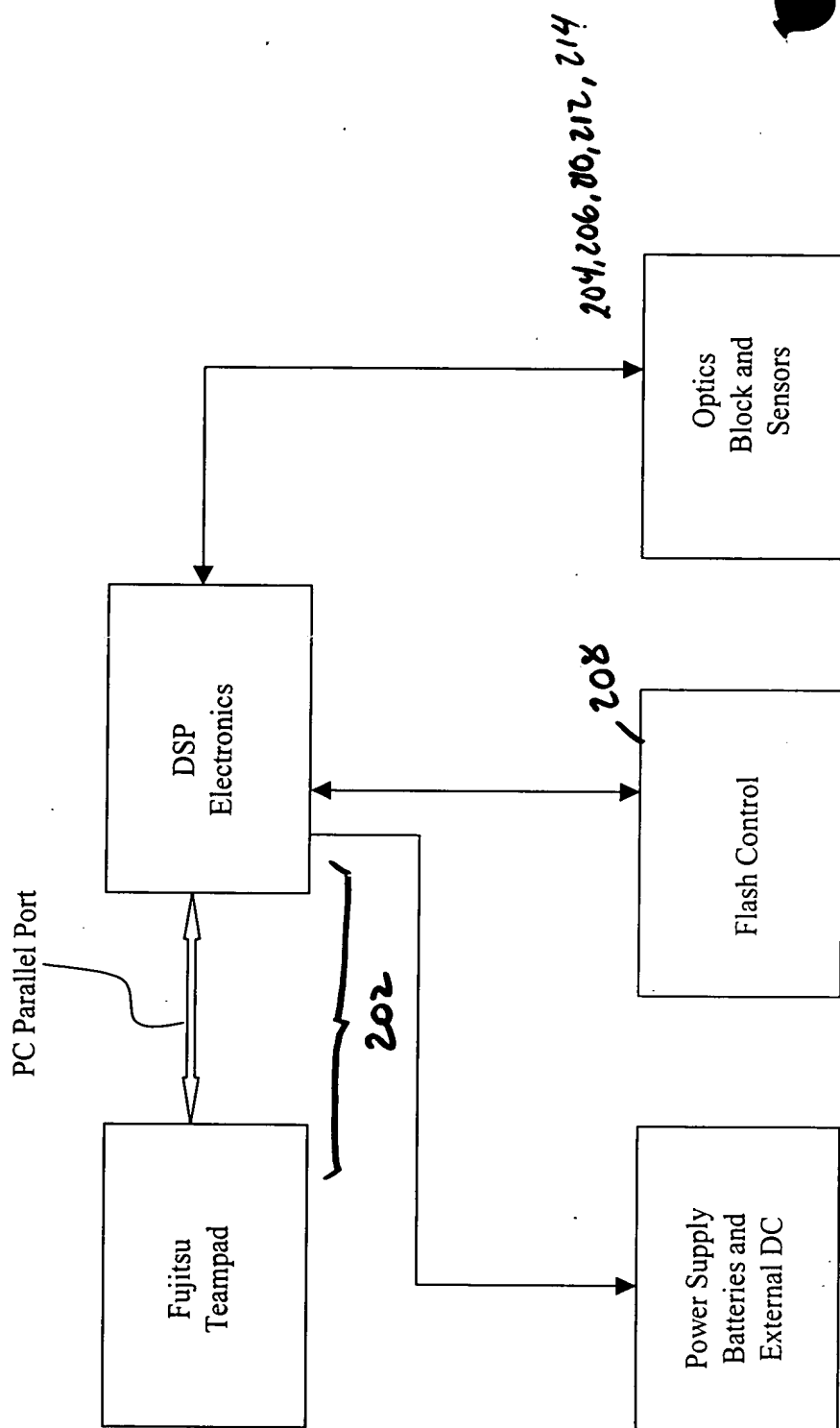


FIG. 13

Optics Block

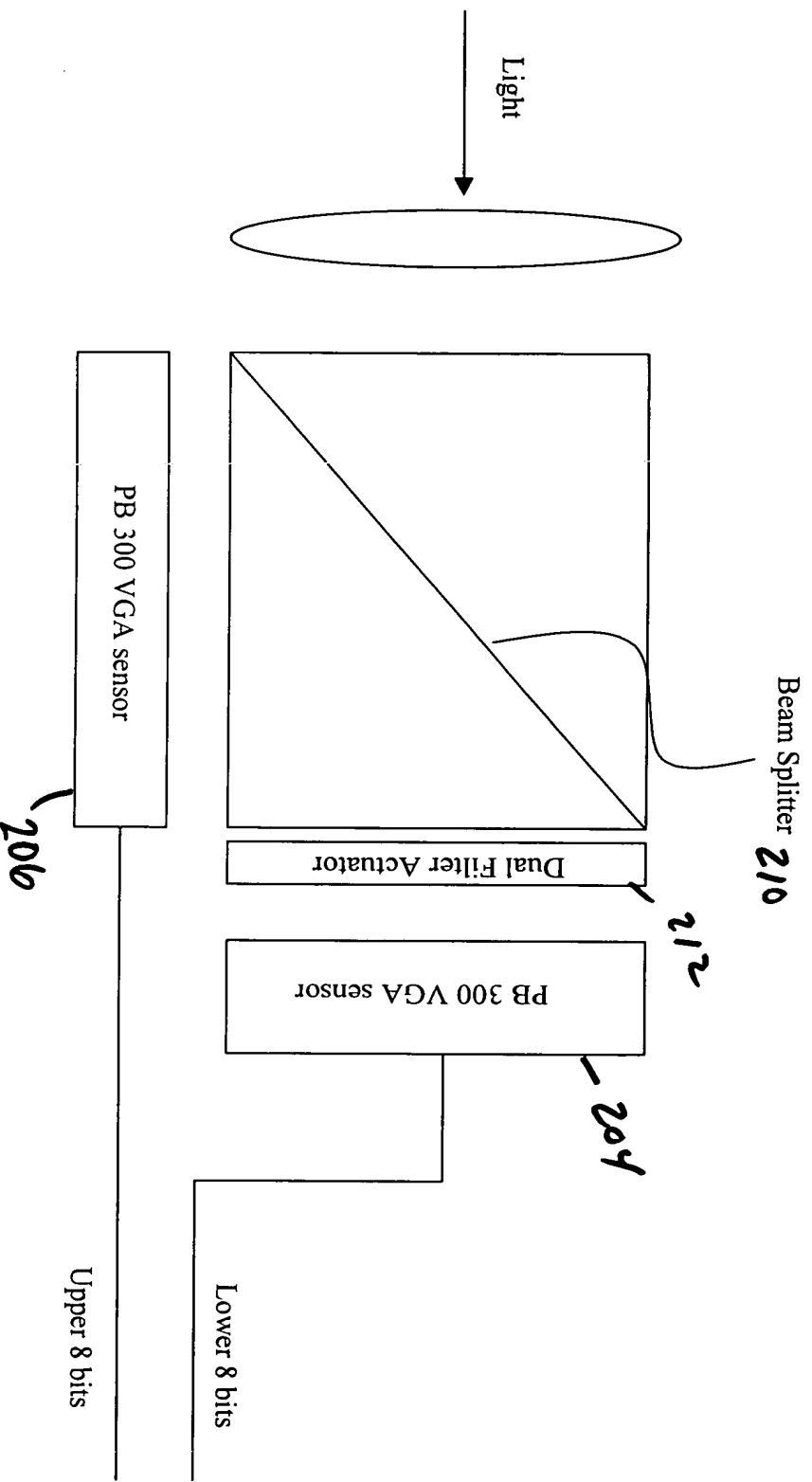
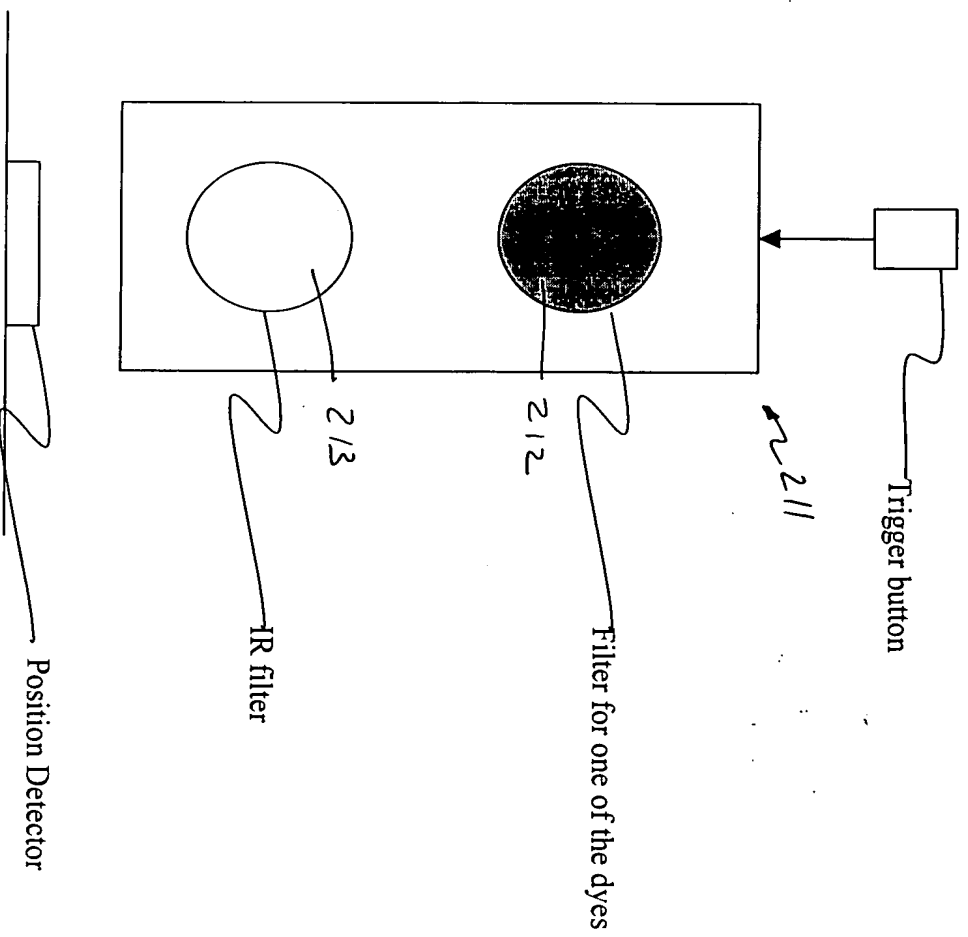


FIG. 14

00000000 00000000

Dual Filter Actuator

The filter assembly is moved by the trigger so that the position detector is actuated. At the point that the filter is fully in position the proper filter is covering the PB300 sensor and the image is captured on the 2 sensors simultaneously.



00000000 000000

DSP Electronics

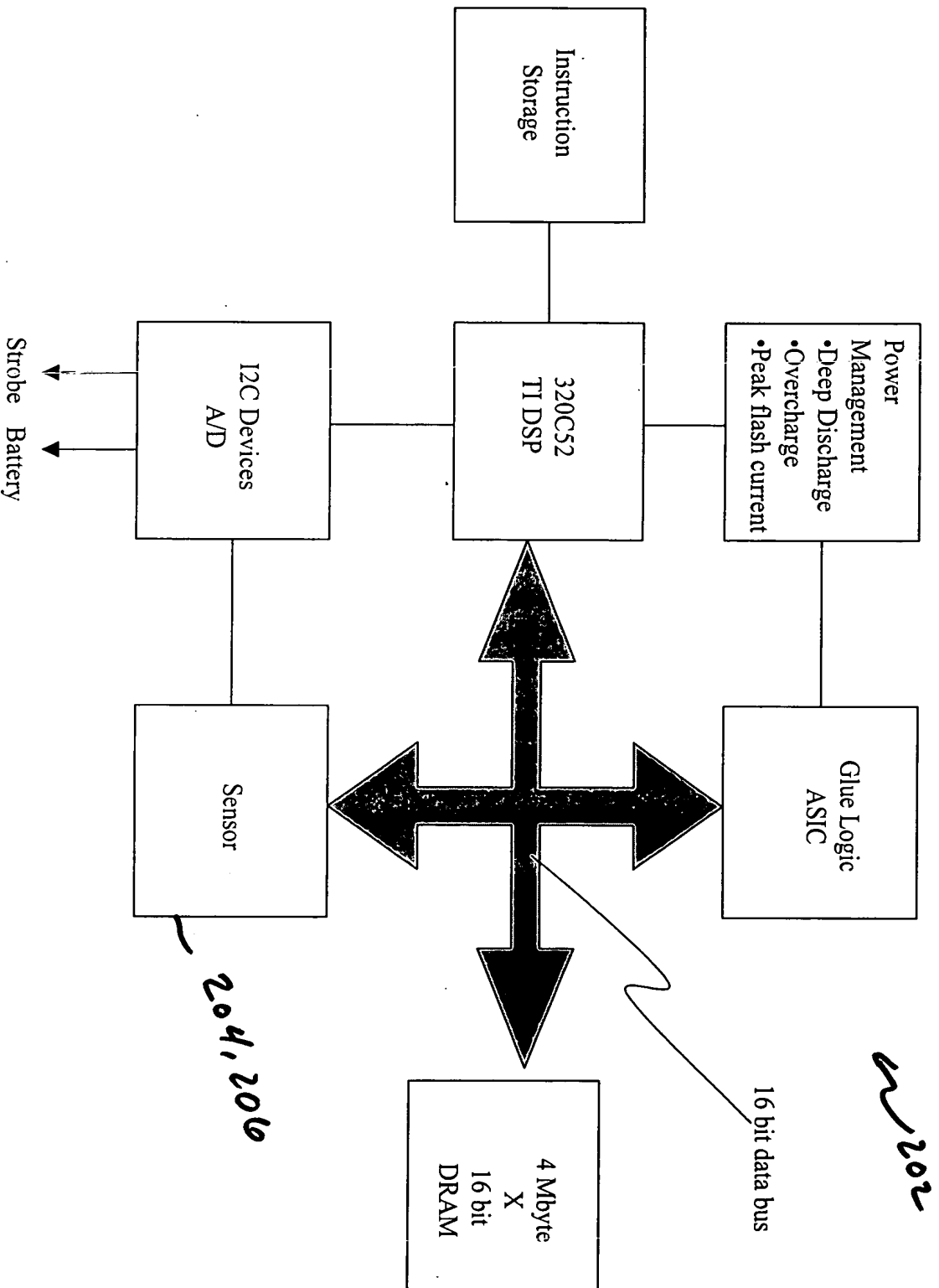


FIG. 16

00000000 00000000

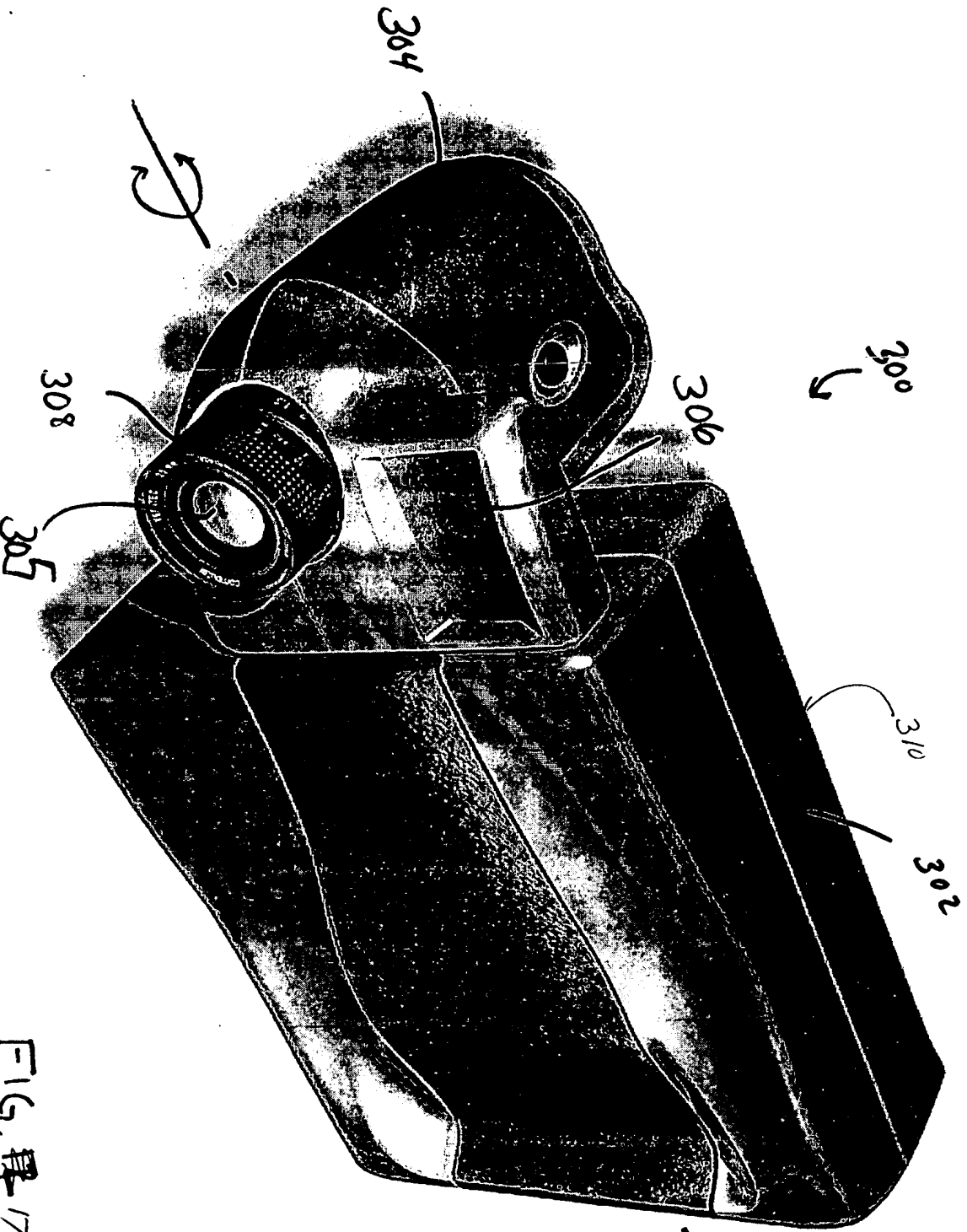


FIG. 17

09356280 042400